PAGE 1 OF 2



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WELL DRILLING AND COMPLETION REPORT

For instructions on co	ompleting this for	orm, visit the Di	vision	's websit	te at <u>v</u>	www.dec.state.	ny.us/we	bsite/	dmn or contact	your local Reg	ional office.			
Reviewed by						Data								
WELL NAME AND NUM	1BER		Date Well Type API WELL IDENTIFICATION NUMBER											
ROMAHN #1			31-0117 2 6 0 5 0 1 1 1 1											
WELL OWNER (Full Na	me of Organiza	f Organization or Individual as registered with the Division)												
Nornew, Inc.														
TYPE OF REPORT	Final	TYPE OF ✓ New			ting	TYPE OF W								
			New Existing Vertical Directional Side directional or sidetrack, also submit a complete directional survey											
TYPE OF OPERATION	Plug Back	WELLIY	L TYPE											
	Convert	Name of the Party	roduct	52.23.35			_	Dry I		tion Bri	ne Disposal			
FLUIDS PRODUCED OF			oduci			graphic Sto		Othe	er (Specify)					
L ∏Oil	Brine	Fresh Wat	er		TYPE OF COMPLETION Single Multiple									
S 7½ MINUTE QUAD NAM	Specify)				A PERSONAL PROPERTY.	Other (Specify) D SECTION								
				ĺ										
A TYNER D LOCATION DESCRIPTION Description Description Description Description Description														
Surfac		0' .	4			Latitude (NAD		2		nal Longitude (N 3 3 2				
Top of Target Interval		5,013	4	2.	4	2 9 3	_ 1	2	7 5 . 6	3 2	7 :7 4			
Bottom of Target Interva		5,118	4		4	2 9 3		2	7 5 6	<u>3</u> <u>2</u> _	7 7 4			
Bottom Hole	TVD	5,218 TMD	4		4_	2 9 3		2	<u>7</u> <u>5</u> • <u>6</u>	3 2	7 7 4			
PRODUCING FORMATION	ON(S)					DEEPEST FOR	OITAMS	V PEN	IETRATED					
ONEIDA	92010-0010-0020-0042					OSWEGO			20					
COUNTY		Fo DATE	r verti	cal wells LING CO	, use	TMD to record	depths	Inc	DILLED WITH C	ADI E TOOLO				
CHENANGO		Mont		6		0.4	200	_	RILLED WITH C		(TMD)			
TOWN		LING CO	Da DMPL	ETED Ye	ar 200	DRILLED WITH ROTARY TOOLS (TMD)								
OXFORD		Mont	onth 7 Day 4 Year 2					1 2008 From 0 ft. to 5,21						
FIELD/POOL NAME		DATE	FINA	L COMP	ON/RECOMPL	ETION		TARY DRILLIN	NG FLUID	σ,2.0 π.				
WILDCAT		Mont	h	7	Da	ay 17 Ye	ar 200	8 L	Water ✓	Air Mud				
DRILLER'S TD (ft.) LO	GGER'S TD (ft.	.) PLUG B	ACK T	TO (ft.)	KICK	OFF DEPTH (ft) El	.EV. (ft.) 1,105	Птор	oo Survey			
TVD	T 5,200 T	VD		TVD TMD		Т	TMD							
				aaina Report (f	form 85-r	LDF	VKB □ GL							
If the well was NOT plugged back completely with cemo				OF EAG	СН	55 - 5 - F(V		WELL CORED No Yes						
	Resistivity	✓ Density	Density Neutro			Mud	Side		vall 🔲 C					
	Induction	✓ Tempera				Sonic	CUTTINGS COLLECTED FOR STATE							
Others (Specify) CASING	HOLE	PIPE				l MENNOS		No	CONTRACTOR OF THE PARTY OF THE					
STRINGS	SIZE	SIZE	GI	GRADE/WT.		NEW OR USED	CAS	ING		SET (TMD) ALIZERS	BASKETS			
Drive Pipe or Conductor	15	13 3/8					73				DASKETS			
Surface or Water						new	/				-			
	12 1/4	9 5/8		36		new	58	9	88,264,	396,528	88			
Intermediate	8 3/4	7		20		new	305	55	253,591,929,126	66,1604,1942,228	502 2000			
Production						Hew	308	-		2955,3039	593,2683			
- TOUGOLIOII	6 1/4	4 1/2		10.5		new	516	69	3709,3929,4147 4891,4974	,4366,4585,4804, ,5066,5144	4541			
Liners														
CEMENT		SS/TYPE	T	NUMB	ER	SLURRY	YIEI	D	VOLUME	CEMENT	W.O.C.			
DATA		CEMENT	-	OF SAC		WT. (ppg)	(ft. ³ /s		(ft.3)	TOP (TMD)	(hrs.)			
Drive Pipe or Conductor	N	ONE									1			
Surface or Water	CEMENT CLASS	A 3% cal. 1/2# un	cele	220		15.6	4.4	0	000		_			
Into an a P. C.	ED/ED 5	Ju 00/ 1 122	-				1.1		260	surface	8			
Intermediate	ClassA 2% C	ix 2%gel,18%salt aCl2, 1/2# unicele		338 30		14.52 15.6	1.29 1.18		443 35	est.300	8			
Production	50/50 pozmix,	10% salt, 2 %	gel	175		14.38	1 0	Ω.	226					
Linore		V-0 = 16.1	+	173		14.30	1.29		226	est.2950	8			
Liners														
l hereby affirm under pena made herein are punishab	alty of perjury the	at information p	rovide	ed on this	s form	n is true to the	best of m	ny kno	wledge and be	lief. False state	ements			
Printed or Typer Name of			Paraul	IU 3E	CUUII	2 10.43 OF THE	Penai La John		Cicor					
Signature John	W Kin	· ·		Title	Drilli.	ng and Com-								
0		-4172		ı itle	וווווויט	ng and Comp	Dietions	⊏ngi	neer Da	te <u>January</u>	9, 2009			

	(0/00)-200	•						: HON R		,		PA	GE 2 OF		
	ELL NAME AND NU OMAHN #1	JMBER	AIIAC	וווטטא ווי	API V	NELL	IDENT	S NECESS	NUMBER						
P	TYPE OF T	EST	· ·		BURAT	0	11	7 🖁 2	6 0	5 0					
IR	(det hail a		ES TESTED	(TMD)	OF TEST		FLU	ID TYPES A	ND AMOU	NTS PRODUC	ED ANI	ОТН	ER DAT		
ECOMPLET	r l											-			
P	<u> </u>		ft. to	ft.	 										
E 7			ft. to	ft.											
0					<u> </u>					· · · · · ·	 -				
N	COMPLETION F	OLUDATATE LA LA	ft. to	ft_											
	COMPLETION E	QUIPMENT: List tul	bing, packer,	rods, pum	p, bridges, e	etc.; no	te size	es and depti	is WELL	COMPLETED ft. to	OPEN	HOLE	(TMD)		
COMPE	:								<u> </u>	т. к)		ft.		
M P C															
L A E T T A	PERFORATED IN	NTERVALS (TMD)		NO. O	F SHOTS	PFR	FORA	TED INTER	VALC /TM	D) Continued	1 50	0.05	011070		
T A			5,065 ft.				0.0	ft. to	AVEO (1 IAII	conunued ft	1	U. UF	SHOTS		
0	. ft. to		ft.	1 ;	30			ft. to		ft					
N	ft. to		ft.	l				ft. to		ft					
	701/50 707.4		1												
s	ZONES TREATED	DE	TAILS: typ	e and volum	ne of m	ateria	ls, rates, bre	akdown ps	, average trea	tment p	si, isip	, etc.			
T	5,050	ft. to 5,00	65 ft. 25	bpm gel V	Vater , 425 s	sx sand	d,BD 2	1975 psi, AV	TP 3016, IS	SIP 3235 psi, 1	107,000	SCF I	N2 assist		
M n		ft. to	ft.												
UA		ft. to													
A A			ft												
0		ft. to	ft.												
N		ft. to	ft.												
		ft. to	<u>f</u>												
P R	FORMATION TES	STED		S TEST Build Up	=	pen F		OIL TEST		INITIAL S	HUT-IN	PRES	SSURE		
0)rawdo	wn	Pump	Flow	Sur	face				
D T E	DURATION OF	FLOWING TEST			· · · · · · · · · · · · · · · · · · ·			L		Bottom	riole	_=	<u> psi.</u>		
TS IT	TEST hrs.	Choke	n. Tu	Tubing Casing				S.I. Tubing	Casing	S.I. Time					
O N	PRODUCTION Oil Water		God	Gas Gas MEASURE			Υ			TES	T STAR	TING	DATE		
	bpd bpd			mcfpd			Pito		Estim	ated		•			
2 2 0	DEPTH IN FEET	DEPTH IN FEET		FORMATION NAME			DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF								
200	(TVD)	(TMD)					FRESH WATER, BRINE, OIL AND GAS								
8 0 L	· 0	0					Ground Surface (Elevation)								
R E T			·									-			
TEOD															
٦۴						_									
2		4.000	Shale			_									
		1,988				+									
F		1,993 2,788			us	- -			·	·		:	:		
		2,788		<u> </u>		+							· · · · ·		
₹		2,903	 	ra		+							·		
		3,342		<u>'ਬ</u>	·	+	····								
В		3,635			·	+									
BEDROC		3,860	Vernon		····	+-	-								
R		4,480				+									
CK		4,572	Herkimer			1									
		4,634	Willowva	е											
		4,780	Sauquoit												
3		4,985													
		5,013				\perp									
5		5,118 5,218				_									
		5,218	TD	-		-									
11		1													

DIVISION OF MINERAL RESOURCES - BUREAU OF OIL AND GAS REGULATION/41: 23.45 ...
PRINT OR TYPE IN BLACK INK

WELL DRILLING AND COMPLETION REPORT

For instructions on completing this form, visit the Division's website at www.dec.state.ny.us/website/print of contact your local regional office.																	
Reviewed by JCR Date 1-30-09 Well Type GW																	
L	Reviewed by				A DI 1815				<u> </u>								
Н	WELL NAME AND NUMBE	:K			API WELL IDENTIFICATION NUMBER 31 - 0 1 7 - 2 6 0 5 0 - 1 - 1												
	ROMAHN #1 WELL OWNER (Full Name	of Organizatio	π or Individual	as registere			151016	(1 2 1 2 1-)									
	Nomew, Inc.																
	TYPE OF REPORT	PE OF REPORT TYPE OF WELL TYPE OF WELL BORE															
Н	✓ Interim ☐ Fi		New New		xisting Vertical Directional Sidetrack etrack, also submit a complete directional survey												
	TYPE OF OPERATION	II the w															
R		ug Back				rmal Brine	-		n UBrine	Disposal							
Ĺ	FLUIDS PRODUCED OR I	Onvert	Oil Pro			aphic Store		Specify)									
L	☐Oil ☐Gas		Fresh Water		 ✓ Si	ngle	Multiple										
N	LPG Other (Sp				QUAD SECTION												
	7% MINUTE QUAD NAME				QUAD SECTION :												
N	TYNER LOCATION DESCRIPTION				Decimal Latitude (NAD83) Decimal Longitude (NAD83)												
P	Surface	<u> </u>	o \	4 2.	4_	2 9 3	1 2 .	7 5.6	3 2 7	7 4							
G	Top of Target Interval		5,013					7 5 6									
N	Bottom of Target Interval Bottom Hole		5,118 5,218	-	4	$\frac{2}{2} \frac{9}{9} \frac{3}{3}$	1 2	$\frac{7}{7}$ $\frac{5}{5}$ $\frac{6}{6}$	3 2 7	$\frac{7}{7}$							
R		TVD	TMD	<u> </u>													
L	PRODUCING FORMATIO	N(S)			1	EEPEST FORM DSWEGO	MATION PENE	IKAIEU									
	ONEIDA		For	vertical well		MD to record of	lepths										
N	COUNTY	LLED WITH CA	BLE TOOLS (TMD)													
0	CHENANGO	fi, to	ft.														
R	CHENANGO Month 6 Day 24 Year 2008 From ft. to TOWN DATE DRILLING COMPLETED DRILLED WITH ROTARY TOOLS (1)																
Ą	OXFORD FIELD/POOL NAME		Monti		Day DI EXIO		2008 Fra		O ft. to	5,218 ft.							
11		Character Clair Character															
N	N N N N N N N N N N N N N N N N N N N									o ✓ Survey							
	DRILLER'S 7D (ft.) LOG	ﯩﺮ	/D \	TVD	1410110		un										
	5,218 TMD	5,218 TMD 5,200 TMD					DATUM	(ft.) 1,115		Укв □GL							
		NOT plugged back completely with cement INE LOGS RUN-SUBMIT TWO (2) COPIE						85-15-8) to show the details of the plug back WELL CORED No Yes									
1		Resistivity	☑ Density		eutron	Mud	Sidew	=	onventional								
	☐ Directional ✓	Induction	Tempera	ture 🔽 C	aliper	Sonic		COLLECTED	FOR STATE								
L	Others (Specify)						No	✓ Yes									
C	CASING STRINGS	HOLE	PIPE SIZE	GRADE	WT.	NEW OR USED	CASING		SET (TMD) ALIZERS	BASKETS							
S	Drive Pipe or Conductor	15	13 3/8	54.	,	new	73			_							
Ņ						HEAA		<u> </u>									
ł	Surface or Water	12 1/4	9 5/8	36		new	589	88,264,	88								
P	Intermediate	8 3/4	7	20		new	3055	253,691,929,126 0,2618,2		593,2683							
0	Production							3709,3929,4147,4366,4585,4804									
R	Francial	6 1/4	4 1/2	10.		new	5169	4891,4974	5066,5144	4541							
A	Liners																
1	CEMENT DATA	1	SS/TYPE CEMENT		IBER ACKS	SLURRY WT. (ppg)	YIELD (ft.³/sx)	VOLUME (ft.3)	CEMENT TOP (TMD)	W.O.C. (hrs.)							
C	. ware	<u> </u>	~=:V:=:11														
	[N.	ONE	•													
1	[ONE														
ZMZ	[ONE B A 3% cel. 1/2# un	icele 2	20	15.6	1.18	260	surface	8							
MENT	Drive Pipe or Conductor	CEMENT CLASS	A 3% cel. 1/2# un		38	14.52	1,29	443									
MENT DA	Drive Pipe or Conductor Surface or Water Intermediate	CEMENT CLASS 50/50 Pozn ClassA 2% (A 3% cel. 1/2# un	33	38	14.52 15.6	1,29 1,18	443 35	est.300	8							
MENT	Drive Pipe or Conductor Surface or Water Intermediate Production	CEMENT CLASS 50/50 Pozn ClassA 2% (A 3% cal. 1/2# un nix 2%gal,18%saft CaCl2, 1/2# unicole	33	38	14.52	1,29	443									
MENT DAT	Drive Pipe or Conductor Surface or Water Intermediate Production Liners	50/50 Pozmix	A 3% cel. 1/2# unix 2%gel, 18%sah CeCl2, 1/2# unicolo , 10% saht, 2 %	33 39 17	38 50 75	14.52 15.6 14.38	1.29 1.18 1.29	443 35 226	est.300 est.2950	8							
MENT DAT	Drive Pipe or Conductor Surface or Water Intermediate Production	50/50 Pozmix 50/50 pozmix sity of perjury the	A 3% cel. 1/2# unix 2%gel, 18%sah CaCl2, 1/2# unicolo , 10% saht, 2 %	gel 17	38 30 75	14.52 15.6 14.38	1.29 1.18 1.29	443 35 226	est.300 est.2950	8							
MENT DAT	Drive Pipe or Conductor Surface or Water Intermediate Production Liners I hereby affirm under pena	50/50 Poznix 50/50 pozmix 50/50 pozmix sity of perjury the as a Class A	A 3% cal. 1/2# unix 2%gel, 18%salt acC2, 1/2# unicate, 10% salt, 2 % act information a misdemeanor	gel 17	38 30 75	14.52 15.6 14.38	1.29 1.18 1.29	443 35 226 owtedge and be	est.300 est.2950	8							

_	ATTACH ADDITIONAL INFORMATION AS NECESSARY IMPLI NAME AND NUMBER ATTACH ADDITIONAL INFORMATION AS NECESSARY IAPI WELL IDENTIFICATION NUMBER																	
		L NAME AND NUM	BER	•	1 1	FICAT		UMBE	R 5 1	oll	1	11	ı	1				
	┪	MAHN #1 TYPE OF TES	T				31 - C					D AMOUNTS PRODUCI			K.E.D	AND (OTHER	DATA
R			(dst, bail, etc.) ZONES TESTE			TED (TMD) OF TEST (hrs.					ES AN	n ww	JUNI 3	FRODE	~ <u>∈</u> ∪	עואט () () IER	
RECOMP	۲			.	_													
M P	E	·		ft. to	ft	-			 									
L E T	7			ft. to	fi													
ļ,	ţ					T												
Ň	4	COVEL PROPERTY	JIPMENT: List tubin	fi to	f	لل	hridens -	lo: *	ote circ	0 000	denthe	luar	11.00	VIPLETE	D O	אבון הי	OLF (T	MD)
	ı	COMPLETION EQU	er, roas, pu	unp,	onages, e	KC.; 11	OIB SIZE	is and	depuis	L	LL CON		. to	-EIA U		ft.		
C	ı																	
M																		
L	Ą	PERFORATED INT	ERVALS (TMD)		NO	. OF	SHOTS	PE	RFORA	TED	NTERV	ALS (TMD) (Continue	be	NO	. OF S	HOTS
	Á	5,050 ft. to	5,065 ft.						ft. to					ft.				
0	.	ft. to	ft. }			0	1		ft. to					ft.				
N		ft. to		ft.						ft. to					ft.			
F	┪	ZONES TREATED	(TMD)	1.	 DETAILS:	tvne	and volum	le of	materia	ls. rate	es, bres	kdow	n osi. av	/erace t	reatm	ent os	i, isip. e	etc.
s				- 1	····													
3	j	5,050	5 ft.	25 bpm ge	el Wa	ster , 425	sx sa	nd,8D 2	2975 p	osi, AV1	P 301	6, ISIP	3235 ps	si, 107	7,000 \$	SCF N2	z assist	
V		f	t. to	ft.														
ÌL	A									_								
A	Ā		t. to															
l O			_		_													
N			R. to	-R.														
-	_		f_lo							, 				-	-			
P							AS TEST Open Flow OIL TEST INITIAL SHUT-IN PRE											
R			Ì	Build Up Drav					-	j rump	—	LIOM			ce >le		psi. psi.	
Ų	F	DURATION OF	AŢA						e . ~	'a do ! = -	1	810-	noine.	1		1 Time		
[1	T	TEST hrs.	Choke In		Tubing		Casing S.I. Tubi				ing S.I. Casing S.I. Ti						hrs.	
C		PRODUCTION Oil	Water		Gas		AS MEASI Orifice	JREC	BY □Pite	ot			Estimate		IEST	STAR	IING D	JATÉ
-]]	bod	bpd		mcfpd	上								L				
	UNCONSOL-DATED	DEPTH IN FEET DEPTH IN FEET			FORMATION NAME			-	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FRESH WATER, BRINE, OIL AND GAS									
	O N	(TVD) (TMD)		NAME				\dashv										
	ļ,	0	0						Grou	nd :	Surfa	ICe (Elev	ation)			
 F			<u> </u>	<u> </u>				\dashv										
E	֓֟֟֟֝֟֟֟֟֝֟֟֟֝֟֟֝֟֟֟֝֟֟֟֝֟֟֓֓֓֓֟֟֟֓֓֓֓֟֟֟֓֓֓֓֟֟֟֓֓֓֟֟֓֓֟֟֓֓֟			-				-	V									
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Į.	j		1,988	Tully				\dashv	.									
Ç			1,993		iton/Mar	cell	us	寸										
			2,788			11		十							-			
F			2,905	Orisk				+										
F			2,923		erberg													
			3,342	Cami	Ilus													
	В		3,635	Salt														
1	BED		3,860	Vemo	on			\Box										
1	; R O		4,480	Lock	port													
1	C		4,572	Herki				_										
	įľ`		4,634		wvale			4										
	CK		4,780	Sauq			·		V-2 .									
			4,985	_				\dashv							·-			
			5,013 5,118	Onei														
ŀ	4	<u> </u>	5,118	TD	, g U			+										
1			5,2.0					\dashv										
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